# MSD of Mt. Vernon Responds to Emerging Threats Faster

Serving as the K-12 school district in Mt. Vernon, Indiana, Metropolitan School District (MSD) of Mt. Vernon puts their students and teachers first when it comes to cybersecurity. With five school sites and four auxiliary offices, they needed a security solution that would be able to handle all of their servers, and VMware Carbon Black was the answer for them. Serving as the director of information systems at MSD for 28 years, Certified Education Technology Leader William Stein has seen the value that VMware Carbon Black has provided for the team, saving them time and resources early on.

**INDUSTRY**
Education

**COMPANY SIZE**
2,000+ employees

**SECURITY CHALLENGES**
- Traditional AV ineffective aginst advanced attacks
- Slow end-user experience

**PRODUCT**
- VMware Carbon Black Cloud Endpoint™ Standard

**KEY BENEFITS**
- Fast response times to emerging threats
- Quick, actionable data

## A behavior-based solution

Before choosing VMware Carbon Black, MSD of Mt. Vernon was jumping around from one traditional antivirus (AV) solution to the next. MSD's solution at the time, Kaspersky Lab, was proving to be ineffective against certain advanced threats, and the team wanted to make the move to the next-generation antivirus (NGAV) market. MSD evaluated the top 10 players in the NGAV sector, and with the help of reseller Keller Schroeder, saw how VMware Carbon Black Cloud™ differentiated itself against the competition. They wanted a behavior-based solution, and they found VMware Carbon Black Cloud Endpoint Standard to be proactive in how the product looks at behavioral trends as opposed to simply learning about the virus after the fact.

MSD Network Engineer Zachary Leiter says his favorite part about Carbon Black Cloud Endpoint Standard is the resource footprint of the agent on the end device. "It's smaller than any other AV I have used. With Kaspersky, we had a resource vacuum. In an education environment where we need to get the most out of every machine… having any AV that slows the end-user experience is unacceptable."

## Quick response times

The deployment of Carbon Black Cloud Endpoint Standard was a smooth process compared to products the team had used in the past. Stein uses a combination of managed services from Keller Schroeder and his own team for VMware Carbon Black and doesn't want to waste any additional resources. "Time is money, and VMware Carbon Black saves us time, which saves us money," said Stein.

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Carbon Black Cloud Endpoint Standard has given MSD detailed, easily actionable data that allows the team to quickly respond to new and emerging threats. In the education industry, having to reimage a teacher's machine could be problematic as they must return the machine to its factory settings, potentially impacting learning time in the classroom. When the MSD IT team was presented with a machine that was under attack, they were able to isolate and remove the issue instead of having to reimage the machine. The user-friendly dashboard of Carbon Black Cloud Endpoint Standard makes it simple for Leiter to see devices that might need his attention. In this example, Leiter was able to flag the device that needed to be quarantined very easily. "The information is given in a way that helps me filter out any false flags—of which VMware Carbon Black has very few." In the six months since deploying VMware Carbon Black, 398 active attacks were stopped at the endpoints. Stein reported this data during a presentation to the school board, proving the value of Carbon Black Cloud Endpoint Standard as the right endpoint protection solution.

## Conclusion

For Stein and the MSD team, working in education means that they need to be completely focused on their users. VMware Carbon Black has provided the team with the right tool to feel protected and confident, so they can dedicate their time where it matters most—student learning.

"Time is money, and VMware Carbon Black saves us time, which saves us money."

WILLIAM STEIN
DIRECTOR OF INFORMATION SYSTEMS
MSD OF MT. VERNON

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